

Inventor: COFFEY
Docket No.: 2316.1223US01
Serial No.: 09/636,171
Sheet 1 of 4
Replacement Sheet

FIG. 1 PRIOR ART

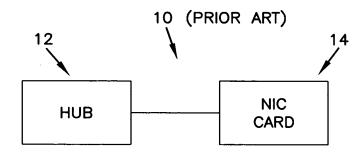
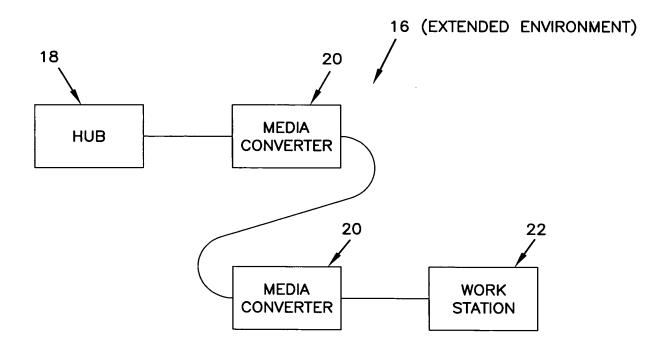
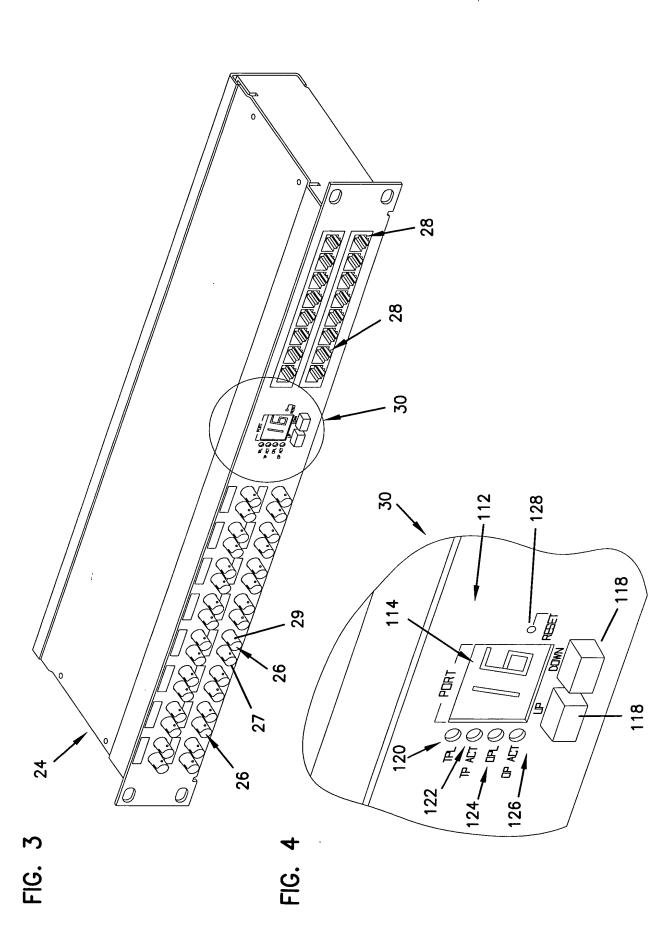


FIG. 2





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FIG. 5

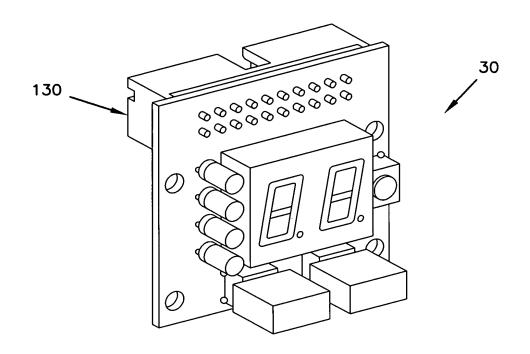
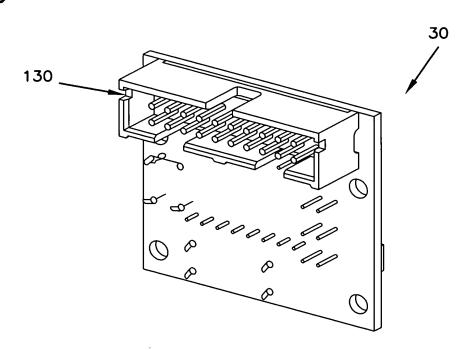


FIG. 6



Inventor: COFFEY Docket No.: 2316.1223US01 Serial No.: 09/636,171 Sheet 4 of 4 Replacement Sheet 220 DISPLAY ENABLE/ DISABLE 7-SEG LATCH DECODER DRIVER UP/DOWN DECADE COUNTER 201211221 ******* CONTROL LATCH(S) LOAD "1" INTO DECADE COUNTER TIMER SECONDS 7-SEG LATCH DECODER DRIVER DIGIT DISPLAY 8 DIGIT 1 LATCH CONTROL NOR 3-INPUT DISPLAY ENABLE/ DISABLE NAND 2-INPUT NAND 2-INPUT ONE—SHOT LOAD DISPLAY COUNT DOWN 204 212 ACTIVITY INDICATORS COPPER & FIBER **BUS INTERFACE** DRIVER INTERFACE MEDIA CONVERTER PORTS 9-16 SE ONE-SHOT (S4 DE-BOUNCE) ONE-SHOT (S3 DE-BOUNCE) ONE—SHOT MASTER RESET (S2_DE—BOUNCE) 120 BUS Interface ML4664 Port 9 16 4-LINE TO 16 LINE BINARY 10 DECIMAL DECODER 210 UP/DOWN 4-BIT BINARY COUNTER 206 20 2 1 2 2 2 202 208 BUS Interface ML4664 Port 8 TOP PCB MEDIA CONVERTER PORTS 1-8 POWER-UP/MASTER RESET **S**-Ջ- \aleph LED DISPLAY MODULE (LDM) 216 214 MEDIA CONVERTER MODULE (MCM) 208 206 128 – BACK PLANE MODULE (BPM) 118 – COUNT DOWN 116 -COUNT UP MASTER RESET BUS Interface ML4664 Port 1

FIG.